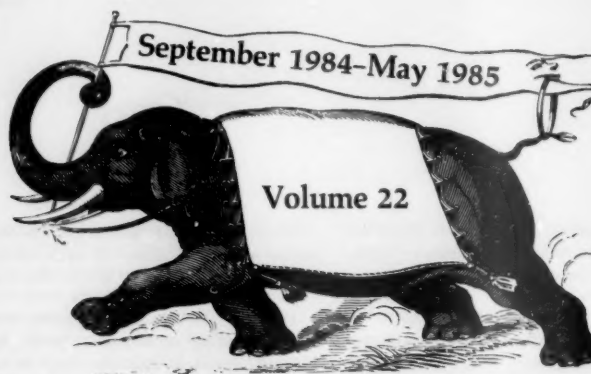


ANNUAL INDEX



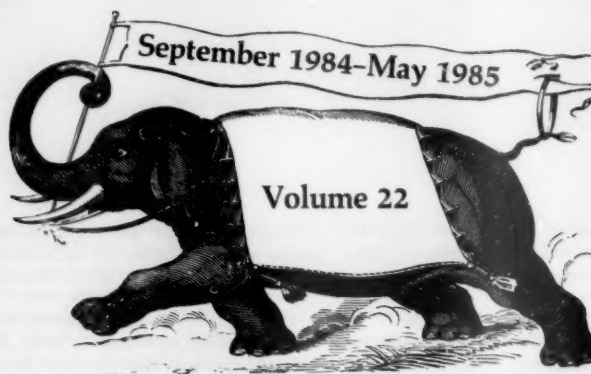
AUTHOR INDEX

Alt, A. Joseph. *Fish Lab* (In the Schools) Feb 85:32-33
 Ault, Charles R., Jr. *The Great Pumpkin Curriculum*. Oct 84:13-16
 Babcock, Ann. *Science with a Sketchpad* (Helpful Hints) Apr 85:32
 Ballin, Amy. *The Flowers That Bloom in the Spring*. May 85:12-15
 Bar, Varda. *Following the Sun in Jerusalem*. Feb 85:16-18
 Batch, D. David. *Evening Skis* (monthly)
 Bonnstetter, Ronald J., and Robert E. Yager. *A Profile of Excellence: Teachers of Exemplary Programs in Elementary Science* (What Research Says) May 85:45-46
 Bowden, Marcia. *Bright Bird of Winter*. Feb 85:20-21
 Brothers, Chris. *Autumn Crafts*. Oct 84:22-24
 Brown, Fred W., and Bill E. McBryde. *When Water Cools Down*. Jan 85:23-24
 Bruce, Guy V. *Morse's Miracle Revisited*. May 85:18-20
 Burton, Patricia E. *Okefenokee Notes*. May 85:5-9
 Campbell, Sharon. *Preschoolers Meet a High Tech Turtle* (Early Childhood) Apr 85:37-40
 Carkin, Clayton A. *Whale Watching in the Gulf of Maine*. Mar 85:6-9
 Carlson, Kenneth W. *Phantastic Physarum*. Apr 85:33-34
 Cleare, Catherine C. *Scallops, Whelks, and Process Skills*. Apr 85:10-15
 Collins, B. Kevin. *One Person's Trash . . .*. May 85:17
 Conway, John R. *Honey Anis*. Oct 84:17-21
 Conwell, Catherine R., and Josephine D. Duckett. *Learning About Change with a Science Tote Board*. Mar 85:30-31
 Crocker, Betty, and Edward L. Shaw, Jr. *Blueberry Tributes and Peach Strain*. May 85:10-11
 Dodson, Fred. *Go to the Ant. O Sluggard*. Oct. 84:21; *John James Audubon*. Mar 85:9
 Donnellan, Kathleen M., and Gary J. Roberts. *Activity-Based Elementary Science: A Double Bonus* (What Research Says) Jan 85:119-21
 Donovan, John. *Outstanding Science Trade Books, 1983* (Letters) Jan 85:5
 Doran, Rodney L., and Willard J. Jacobson. *How Are Our Fifth Graders Doing?* (What Research Says) Sept 84:41-42
 Duckett, Josephine D., and Catherine R. Conwell. *Learning About Change with a Science Tote Board*. Mar 85:30-31
 Dullock, Constance. *Superteachers* (In the Schools) May 85:47-48
 Engels, Carl J. *Chasing Rainbows*. Mar 85:13-14
 Faison, Hawthorne, and Albert G. Roberts. *With a Little Bit of Love* (In the Schools) Sept 84:37-38
 Foster, Gail C. *Challenge Me!* Nov/Dec 84:17-18
 Fowlkes, Mary Anne. *Funnels and Tunnels* (Early Childhood) Mar 85:28-29
 Friedl, Alfred E. *A Trio of Brainbusters*. Nov/Dec 84:35
 Gabel, Dorothy, Peggy Teters, and Patrick Geary. *Elementary Teachers' Perspectives on Improving Science Education*

(What Research Says) Nov/Dec 84:41-43
 Gaston, Marlene. *A 25-Year Veteran* (Letters) Sept 84:5
 Geary, Patrick, Dorothy Gabel, and Peggy Teters. *Elementary Teachers' Perspectives on Improving Science Education* (What Research Says) Nov/Dec 84:41-43
 Geller, Linda Gibson. *Conversations in Kindergarten*. Apr 85:30-32
 Gillespie, D. Craig. *Science at Your Fingertips*. Sept 84:8-10
 Goodspeed, James K. *But My Parents Both Have Brown Eyes*. Jan 85:9-12
 Gosch, Anne, and Thomas E. Thompson. *Nonsense Botany Revisited*. Sept 84:22-23
 Graves, C. John. *The Yellowstone Project*. Nov/Dec 84:9-11
 Hamilton, Patti A., and David W. Van Cleef. *Feeling the Pressure*. Jan 85:115
 Hanif, Muhammad. *Acid Rain*. Nov/Dec 84:19-22
 Harbster, David A. *An Acetone Warning* (Letters) Jan 85:5; *Balloons and Blow Bottles*. Nov/Dec 84:6-8
 Harrington-Lueker, Donna. *The Science Calendar and Activities* (most months)
 Hagle, Susan. *An Elementary Science Lab in Action* (In the Schools) Oct 84:44-45
 Iona, Mario. *Watts Wrong?* (Letters) Jan 85:5
 Isenberg, Susan. *Going Back to the Same Old Rind*. Apr 85:16-17
 Jackson, Walt, and Barbara Jones. *Is That All There Is?* Oct 84:25-26
 Jacobson, Willard J., and Rodney L. Doran. *How Are Our Fifth Graders Doing?* (What Research Says) Sept 84:41-42
 Jones, Barbara, and Walt Jackson. *Is That All There Is?* Oct 84:25-26
 Johns, Kenneth W. *Stamping Out Blue Blood* (Letters) Sept 84:5
 Jones, Robert M. *Teaming Up*. May 85:21-23
 Joslin, Paul H. *As Smart as a Fencepost*. Feb 85:13-15
 Kim, Hy. *A Winter Sprout Garden*. Jan 85:21-22
 Kinsey, Lori Jean. *Dyed in the Wool*. Sept 84:17-19
 Knight, Ruth. *Food For Thought*. Sept 84:31-32
 Koballa, Thomas R., Jr., and Dale R. Rice. *Six Strategies for Improving Attitudes Toward Science* (What Research Says) Mar 85:32-34
 Kramer, David C. *Garter Snakes* (The Classroom Animal) Oct 84:34-35; *Green Anole* (American Chameleon) (The Classroom Animal) Mar 85:22,27; *How Big Will It Grow?* (The Classroom Animal) Sept 84:14-16; *Leopard Frogs* (The Classroom Animal) Apr 85:35-36; *Mealworms* (The Classroom Animal) Jan 85:25-26; cf. Note. Mar 85:27; *Painted Turtles* (The Classroom Animal) May 85:42-43; *Tiger Salamanders* (The Classroom Animal) Feb 85:22,27; *Toads* (The Classroom Animal) Nov/Dec 84:25-26
 Krockover, Alfred H. *Featherby's Fables* (Learning Aids of Note) May 85:44
 LaHart, David E. *Here Comes the Sun*. Sept 84:33-35
 Lane, Bonnie, and Bob Pesicka. *Stimulating with Simulations*.

Feb 85:28-29
 Leyden, Michael. *Celestial Meetings—Synodic Periods* (Early Adolescence) Apr 85:41-42; *Goad Vibrations* (Early Adolescence) Feb 85:30-31; *The Great String Drop* (Early Adolescence) Jan 85:116-18; *Patience, My Child! Patience!* (Early Adolescence) Nov/Dec 84:36-38
 Lind, Karen K. *A Bird's-eye View: Mapping Readiness* (Early Childhood) Nov/Dec 84:39-40; *The Inside Story* (Early Childhood) Jan 85:122-23; *The Sense-able Approach to Science* (Early Childhood) Oct 84:36-38
 MacPhail, Wendy R. *We Are Branching Out*. Sept 84:24-25
 McBryde, Bill E., and Fred W. Brown. *When Water Cools Down*. Jan 85:23-24
 McFee, Evan. *A Jugful of Science*. May 85:24,41
 McLoughland, Beverly. *Ordinary*. Feb 85:18
 Maraniss, Linda, and Michael Weber. *Up From the Triassic*. Feb 85:7-12
 Marturano, Arlene. *Playing the Thinking Game*. Nov/Dec 84:23-24
 Miller, Robert D., Robert C. Victor, and Jenny L. Pon. *Sky Calendar* (monthly)
 Nelson, Donald J. *Dirt Cheap and All Around Us*. Mar 85:10-12
 O'Connor, Bill. *Watch Your Watts*. Sept 84:35-36; cf. *Watts Wrong?* (Letters) Jan 85:5
 Pealer, Gwynn. *More on Moonshine* (Letters) Sept 84:5
 Pesicka, Bob, and Bonnie Lane. *Stimulating with Simulations*. Feb 85:28-29
 Plesko, Forrest. *Acid Rain* (Balloon Talk) Nov/Dec 84:44-45; *Solar Energy* (Balloon Talk) Oct 84:31
 Pon, Jenny L., Robert C. Victor, and Robert D. Miller. *Sky Calendar* (monthly)
 Pugh, Ava. *Happy Halloween!* Oct 84:12
 Rakow, Steven J. *What's Happening in Elementary Science: A National Assessment* (What Research Says) Oct 84:39-40
 Reese, Willard F. *Method Study: Seven Years Later*. Sept 84:40
 Rice, Dale R., and Thomas R. Koballa, Jr. *Six Strategies for Improving Attitudes Toward Science* (What Research Says) Mar 85:32-34
 Roberts, Albert G., and Hawthorne Faison. *With a Little Bit of Love* (In the Schools) Sept 84:37-38
 Roberts, Gary J., and Kathleen M. Donnellan. *Activity-Based Elementary Science: A Double Bonus* (What Research Says) Jan 85:119-21
 Rockcastle, Verne N. *When Is the World Like a Pumpkin?* Oct 84:8-11
 Salcido, Jeanne L. *My Shuttle Through Time*. Oct 84:32-33
 Scharmann, Lawrence C. *Autumn Leaf Chromatography*. Sept 84:11-13; cf. *An Acetone Warning* (Letters) Jan 85:5
 Schon, Isabel. *Keeping Pace: Science Trade Books in Spanish*. Apr 85:27-29
 Schultz, Carolyn. *Here's the "Crier Lady"!* (Early Childhood) May 85:49-51
 Shaw, Edward L., Jr., and Betty Crocker. *Blueberry Trilo-*

ANNUAL INDEX



AUTHOR INDEX

Alt, A. Joseph. *Fish Lab* (In the Schools) Feb 85:32-33
 Ault, Charles R., Jr. *The Great Pumpkin Curriculum*. Oct 84:13-16
 Babcock, Ann. *Science with a Sketchpad* (Helpful Hints) Apr 85:32
 Ballin, Amy. *The Flowers That Bloom in the Spring*. May 85:12-15
 Bar, Varda. *Following the Sun in Jerusalem*. Feb 85:16-18
 Batch, D. David. *Evening Skies* (monthly)
 Bonnstetter, Ronald J., and Robert E. Yager. *A Profile of Excellence: Teachers of Exemplary Programs in Elementary Science* (What Research Says) May 85:45-46
 Bowden, Marcia. *Bright Bird of Winter*. Feb 85:20-21
 Brothers, Chris. *Autumn Crafts*. Oct 84:22-24
 Brown, Fred W., and Bill E. McBryde. *When Water Cools Down*. Jan 85:23-24
 Bruce, Guy V. *Morse's Miracle Revisited*. May 85:18-20
 Burton, Patricia E. *Okefenokee Notes*. May 85:5-9
 Campbell, Sharon. *Preschoolers Meet a High Tech Turtle* (Early Childhood) Apr 85:37-40
 Carkin, Clayton A. *Whale Watching in the Gulf of Maine*. Mar 85:6-9
 Carlson, Kenneth W. *Phantastic Physarum*. Apr 85:33-34
 Cleare, Catherine C. *Scallops, Whelks, and Process Skills*. Apr 85:10-15
 Collins, B. Kevin. *One Person's Trash . . .*. May 85:17
 Conway, John R. *Honey Anis*. Oct 84:17-21
 Conwell, Catherine R., and Josephine D. Duckett. *Learning About Change with a Science Tote Board*. Mar 85:30-31
 Crocker, Betty, and Edward L. Shaw, Jr. *Blueberry Tributes and Peach Strain*. May 85:10-11
 Dodson, Fred. *Go to the Ant. O Sluggard*. Oct. 84:21; *John James Audubon*. Mar 85:9
 Donnellan, Kathleen M., and Gary J. Roberts. *Activity-Based Elementary Science: A Double Bonus* (What Research Says) Jan 85:119-21
 Donovan, John. *Outstanding Science Trade Books, 1983* (Letters) Jan 85:5
 Doran, Rodney L., and Willard J. Jacobson. *How Are Our Fifth Graders Doing?* (What Research Says) Sept 84:41-42
 Duckett, Josephine D., and Catherine R. Conwell. *Learning About Change with a Science Tote Board*. Mar 85:30-31
 Dullock, Constance. *Superteachers* (In the Schools) May 85:47-48
 Engels, Carl J. *Chasing Rainbows*. Mar 85:13-14
 Faison, Hawthorne, and Albert G. Roberts. *With a Little Bit of Love* (In the Schools) Sept 84:37-38
 Foster, Gail C. *Challenge Me!* Nov/Dec 84:17-18
 Fowlkes, Mary Anne. *Funnels and Tunnels* (Early Childhood) Mar 85:28-29
 Friedl, Alfred E. *A Trio of Brainbusters*. Nov/Dec 84:35
 Gabel, Dorothy, Peggy Teters, and Patrick Geary. *Elementary Teachers' Perspectives on Improving Science Education*

(What Research Says) Nov/Dec 84:41-43
 Gaston, Marlene. *A 25-Year Veteran* (Letters) Sept 84:5
 Geary, Patrick, Dorothy Gabel, and Peggy Teters. *Elementary Teachers' Perspectives on Improving Science Education* (What Research Says) Nov/Dec 84:41-43
 Geller, Linda Gibson. *Conversations in Kindergarten*. Apr 85:30-32
 Gillespie, D. Craig. *Science at Your Fingertips*. Sept 84:8-10
 Goodspeed, James K. *But My Parents Both Have Brown Eyes*. Jan 85:9-12
 Gosch, Anne, and Thomas E. Thompson. *Nonsense Botany Revisited*. Sept 84:22-23
 Graves, C. John. *The Yellowstone Project*. Nov/Dec 84:9-11
 Hamilton, Patti A., and David W. Van Cleef. *Feeling the Pressure*. Jan 85:115
 Hanif, Muhammad. *Acid Rain*. Nov/Dec 84:19-22
 Harbster, David A. *An Acetone Warning* (Letters) Jan 85:5; *Balloons and Blow Bottles*. Nov/Dec 84:6-8
 Harrington-Lueker, Donna. *The Science Calendar and Activities* (most months)
 Hagle, Susan. *An Elementary Science Lab in Action* (In the Schools) Oct 84:44-45
 Iona, Mario. *Watts Wrong?* (Letters) Jan 85:5
 Isenberg, Susan. *Going Back to the Same Old Rind*. Apr 85:16-17
 Jackson, Walt, and Barbara Jones. *Is That All There Is?* Oct 84:25-26
 Jacobson, Willard J., and Rodney L. Doran. *How Are Our Fifth Graders Doing?* (What Research Says) Sept 84:41-42
 Jones, Barbara, and Walt Jackson. *Is That All There Is?* Oct 84:25-26
 Johns, Kenneth W. *Stamping Out Blue Blood* (Letters) Sept 84:5
 Jones, Robert M. *Teaming Up*. May 85:21-23
 Joslin, Paul H. *As Smart as a Fencepost*. Feb 85:13-15
 Kim, Hy. *A Winter Sprout Garden*. Jan 85:21-22
 Kinsey, Lori Jean. *Dyed in the Wool*. Sept 84:17-19
 Knight, Ruth. *Food For Thought*. Sept 84:31-32
 Koballa, Thomas R., Jr., and Dale R. Rice. *Six Strategies for Improving Attitudes Toward Science* (What Research Says) Mar 85:32-34
 Kramer, David C. *Garter Snakes* (The Classroom Animal) Oct 84:34-35; *Green Anole* (American Chameleon) (The Classroom Animal) Mar 85:22,27; *How Big Will It Grow?* (The Classroom Animal) Sept 84:14-16; *Leopard Frogs* (The Classroom Animal) Apr 85:35-36; *Mealworms* (The Classroom Animal) Jan 85:25-26; cf. Note. Mar 85:27; *Painted Turtles* (The Classroom Animal) May 85:42-43; *Tiger Salamanders* (The Classroom Animal) Feb 85:22,27; *Toads* (The Classroom Animal) Nov/Dec 84:25-26
 Krockover, Alfred H. *Featherby's Fables* (Learning Aids of Note) May 85:44
 LaHart, David E. *Here Comes the Sun*. Sept 84:33-35
 Lane, Bonnie, and Bob Pesicka. *Stimulating with Simulations*.

Feb 85:28-29
 Leyden, Michael. *Celestial Meetings—Synodic Periods* (Early Adolescence) Apr 85:41-42; *Goad Vibrations* (Early Adolescence) Feb 85:30-31; *The Great String Drop* (Early Adolescence) Jan 85:116-18; *Patience, My Child! Patience!* (Early Adolescence) Nov/Dec 84:36-38
 Lind, Karen K. *A Bird's-eye View: Mapping Readiness* (Early Childhood) Nov/Dec 84:39-40; *The Inside Story* (Early Childhood) Jan 85:122-23; *The Sense-able Approach to Science* (Early Childhood) Oct 84:36-38
 MacPhail, Wendy R. *We Are Branching Out*. Sept 84:24-25
 McBryde, Bill E., and Fred W. Brown. *When Water Cools Down*. Jan 85:23-24
 McFee, Evan. *A Jugful of Science*. May 85:24,41
 McLoughland, Beverly. *Ordinary*. Feb 85:18
 Maraniss, Linda, and Michael Weber. *Up From the Triassic*. Feb 85:7-12
 Marturano, Arlene. *Playing the Thinking Game*. Nov/Dec 84:23-24
 Miller, Robert D., Robert C. Victor, and Jenny L. Pon. *Sky Calendar* (monthly)
 Nelson, Donald J. *Dirt Cheap and All Around Us*. Mar 85:10-12
 O'Connor, Bill. *Watch Your Watts*. Sept 84:35-36; cf. *Watts Wrong?* (Letters) Jan 85:5
 Pealer, Gwynn. *More on Moonshine* (Letters) Sept 84:5
 Pesicka, Bob, and Bonnie Lane. *Stimulating with Simulations*. Feb 85:28-29
 Plesko, Forrest. *Acid Rain* (Balloon Talk) Nov/Dec 84:44-45; *Solar Energy* (Balloon Talk) Oct 84:31
 Pon, Jenny L., Robert C. Victor, and Robert D. Miller. *Sky Calendar* (monthly)
 Pugh, Ava. *Happy Halloween!* Oct 84:12
 Rakow, Steven J. *What's Happening in Elementary Science: A National Assessment* (What Research Says) Oct 84:39-40
 Reese, Willard F. *Method Study: Seven Years Later*. Sept 84:40
 Rice, Dale R., and Thomas R. Koballa, Jr. *Six Strategies for Improving Attitudes Toward Science* (What Research Says) Mar 85:32-34
 Roberts, Albert G., and Hawthorne Faison. *With a Little Bit of Love* (In the Schools) Sept 84:37-38
 Roberts, Gary J., and Kathleen M. Donnellan. *Activity-Based Elementary Science: A Double Bonus* (What Research Says) Jan 85:119-21
 Rockcastle, Verne N. *When Is the World Like a Pumpkin?* Oct 84:8-11
 Salcido, Jeanne L. *My Shuttle Through Time*. Oct 84:32-33
 Scharmann, Lawrence C. *Autumn Leaf Chromatography*. Sept 84:11-13; cf. *An Acetone Warning* (Letters) Jan 85:5
 Schon, Isabel. *Keeping Pace: Science Trade Books in Spanish*. Apr 85:27-29
 Schultz, Carolyn. *Here's the "Crier Lady"!* (Early Childhood) May 85:49-51
 Shaw, Edward L., Jr., and Betty Crocker. *Blueberry Trilo-*

bites and Patch Strain. May 85:10-11
 Simonis-Rollins, Rose. *Brew Fox in the Bramble Patch* (Helpful Hints) Jan 85:22
 Sittig, Linda H. *Whoever Invented the Science Fair...* Feb 85:19
 Stigall, Norma. *Toward a National Bird Day*. Apr 85:7-9
 Storti, Alice. *Stamping Out Blue Blood* (Letters). Sept 84:5
 Strever, Joe. *All Lit Up* (Helpful Hints) May 85:12
 Sunal, Cynthia Szymanski. *Inferring About Dinosaurs*. Nov/Dec 84:12-15
 Terkel, Amelia S. *The Voice of the Turtle Dove*. Apr 85:4-6
 Teters, Peggy, Dorothy Gabel, and Patrick Geary. *Elementary Teachers' Perspectives on Improving Science Education* (What Research Says) Nov/Dec 84:41-43
 Texley, Juliana. *Ricky's Boots* (Software Reviews) Sept 84:43-44; *Space Shuttle: A Journey into Space* (Software Reviews) Sept 84:44
 Thompson, Thomas E., and Anne Gosch. *Nonsense Botany Revisited*. Sept 84:22-23
 Treptow, Richard S. *Which Came First?* Nov/Dec 84:15-16
 Tubertini, Betty Sue. *A Camp-out—Conference Style* (Early Adolescence) Oct 84:41-43
 Twedt, John. *Let's Improvise!* May 85:16-17
 Van Cleef, David W., and Patti A. Hamilton. *Feeling the Pressure*. Jan 85:115
 VanDeman, Barry A. *The Fall Collection*. Sept 84:20-21
 Vander Linde, Karen. *SEEDS in Space*. Sept 84:26
 Victor, Robert C., Jenny L. Pon, and Robert D. Miller. *Sky Calendar* (monthly)
 Von Deylen, Kay. *The Incredible Journey of Harriet Hamburger or At Play in the Digestive Tract*. Jan 85:16-20
 Wahla, James. *Preserving in Plastic*. Jan 85:13-15
 Warner, Linda A. *Consider Your Camera*. Apr 85:20-22
 Weber, Michael, and Linda Maraniss. *Up From the Triassic*. Feb 85:7-12
 Whitaker, Robert J. *Reflecting on Cylindrical Mirrors*. Mar 85:19-21
 Yager, Robert E., and Ronald J. Bonnstetter. *A Profile of Excellence: Teachers of Exemplary Programs in Elementary Science* (What Research Says) May 85:45-46

SUBJECT INDEX

Activities and Resources

Acid Rain. Muhammad Hanif. Nov/Dec 84:19-22
 Acid Rain (Balloon Talk). Forrest Plesko. Nov/Dec 84:44-45
 Ad-ventures (monthly)
 All Lit Up (Helpful Hints). Joe Strever. Mar 85:12
 As Smart as a Fencepost. Paul H. Joslin. Feb 85:13-15
 Autumn Crafts. Chris Brothers. Oct 84:22-24
 Autumn Leaf Chromatography. Lawrence C. Scharmann. Sept 84:11-13; cf. *An Actone Warning* (Letters). Jan 85:5
 A Balloon Is for Fun: Science Activities for Children (Learning Aids of Note). Jan 85:126
 Balloons and Blow Bubbles. David A. Harbster. Nov/Dec 84:6-8
 A Bird's-eye View: Mapping Readiness (Early Childhood). Karen K. Lind. Nov/Dec 84:39-40
 Blueberry Trilliums and Patch Strain. Betty Crocker and Edward L. Shaw, Jr. May 85:10-11
 Bright Bird of Winter. Marcia Bowden. Feb 85:20-21
 Brew Fox in the Bramble Patch (Helpful Hints). Rose Simonis-Rollins. Jan 85:22
 But My Parents Both Have Brown Eyes. James K. Goodspeed. Jan 85:9-12
 Celestial Meetings—Synodic Periods (Early Adolescence). Michael Leyden. Apr 85:41-42
 Challenge Me! Gail C. Foster. Nov/Dec 84:17-18
 Chasing Rainbows. Carl J. Engels. Mar 85:13-14
 Consider Your Camera. Linda A. Warner. Apr 85:20-22
 Dirt Clump and All Around Us. Donald J. Nelson. Mar 85:10-12
 Dye in the Wool. Lori Jean Kinsey. Sept 84:17-19
 Evening Skies. D. David Batch. (monthly)
 The Fall Collection. Barry A. VanDeman. Sept 84:20-21
 The Flowers That Bloom in the Spring. Amy Ballin. May 85:12-15
 Food For Thought. Ruth Knight. Sept 84:31-32
 Funnels and Tunnels (Early Childhood). Mary Anne Fowlkes. Mar 85:28-29
 Garter Snakes (The Classroom Animal). David C. Kramer. Oct 84:34-35
 Go to the Ant. O. Sluggard. Fred Dodson. Oct 84:21
 Going Back to the Same Old Rind. Susan Isenberg. Apr 85:16-17

Good Vibrations (Early Adolescence). Michael Leyden. Feb 85:30-31
 The Great Pumpkin Curriculum. Charles R. Ault, Jr. Oct 84:13-16
 The Great String Drop (Early Adolescence). Michael Leyden. Jan 85:116-18
 Green Anole (American Chameleon) (The Classroom Animal). David C. Kramer. Mar 85:22,27
 Happy Halloween! Ava Pugh. Oct 84:12
 Here Comes the Sun. David E. LaHart. Sept 84:33-35
 Honey Ants. John R. Conway. Oct 84:17-21
 How Big Will It Grow? (The Classroom Animal). David C. Kramer. Sept 84:14-16
 In the News (monthly)
 The Incredible Journey of Harriet Hamburger or At Play in the Digestive Tract. Kay Von Deylen. Jan 85:16-20
 Inferring About Dinosaurs. Cynthia Szymanski Sunal. Nov/Dec 84:12-15
 The Inside Story (Early Childhood). Karen K. Lind. Jan 85:122-23
 Is That All There Is? Walt Jackson and Barbara Jones. Oct 84:25-26
 A Jugful of Science. Evan McFee. May 85:24,41
 Keeping Pace: Science Trade Books in Spanish. Isabel Schon. Apr 85:27-29
 Learning About Change with a Science Tote Board. Catherine R. Conwell and Josephine D. Duckett. Mar 85:30-31
 Leopard Frogs (The Classroom Animal). David C. Kramer. Apr 85:35-36
 Let's Improvise! John Twedt. May 85:16-17
 Mealworms (The Classroom Animal). David C. Kramer. Jan 85:25-26; cf. *Note Mar 85:27*
 Morse's Mimic Revisited. Guy V. Bruce. May 85:18-20
 Nonsense Botany Revisited. Anne Gosch and Thomas E. Thompson. Sept 84:22-23
 Okefenokee Notes. Patricia E. Burton. May 85:5-9
 One Person's Trash... B. Kevin Collins. May 85:17
 Outstanding Science Trade Books for Children, 1984. Mar 85:15-18; cf. *More Outstanding Science Trade Books*. May 85:59
 Patience, My Child! Patience! (Early Adolescence). Michael Leyden. Nov/Dec 84:36-38
 Phantastic Physarum. Kenneth W. Carlson. Apr 85:33-34
 Playing the Thinking Game. Arlene Marturano. Nov/Dec 84:23-24
 Preschoolers Meet a High Tech Turtle (Early Childhood). Sharon Campbell. Apr 85:37-40
 Preserving in Plastic. James Wahla. Jan 85:13-15
 Reflecting on Cylindrical Mirrors. Robert J. Whitaker. Mar 85:19-21
 Resources Reviews (monthly)
 Ricky's Boots (Software Reviews). Juliana Texley. Sept 84:43-44
 Scallops, Whelks, and Process Skills. Catherine C. Cleare. Apr 85:10-15
 Science at Your Fingertips. D. Craig Gillespie. Sept 84:8-10
 The Science Calendar and Activities. Donna Harrington-Lueker. (most months)
 The Science Cookbook: Experiment-Recipes That Teach Science and Nutrition (Learning Aids of Note). Sept 84:43
 Science with a Sketchpad (Helpful Hints). Ann Babcock. Apr 85:32
 The Sense-able Approach to Science (Early Childhood). Karen K. Lind. Oct 84:36-38
 Sky Calendar. Robert D. Miller, Robert C. Victor, and Jenny L. Pon. (monthly)
 Smithsonian Family Learning Project 1985 Science Calendar (Learning Aids of Note). Sept 84:43
 Solar Energy (Balloon Talk). Forrest Plesko. Oct 84:31
 Space Shuttle: A Journey into Space (Software Reviews). Juliana Texley. Sept 84:44
 Superteachers (In the Schools). Constance Dullock. May 85:47-48
 Supplement of Science Education Suppliers. Jan 85:29-112
 Tiger Salamanders (The Classroom Animal). David C. Kramer. Feb 85:22,27
 Toads (The Classroom Animal). David C. Kramer. Nov/Dec 84:25-26
 A Trio of Braininners. Alfred E. Friedl. Nov/Dec 84:35
 Up From the Triassic. Michael Weber and Linda Maraniss. Feb 85:7-12
 The Voice of the Turtle Dove. Amelia S. Terkel. Apr 85:4-6
 Watch Your Watts. Bill O'Connor. Sept 84:35-36; cf. *Watts Wrong?* (Letters). Jan 85:5
 Whale Watching in the Gulf of Maine. Clayton A. Carkin. Mar 85:6-9

When Is the World Like a Pumpkin? Verne N. Rockcastle. Oct 84:8-11
 When Water Cools Down. Bill E. McBryde and Fred W. Brown. Jan 85:23-24
 A Winter Sprout Garden. Hy Kim. Jan 85:21-22

Archaeology

My Shuttle Through Time. Jeanne L. Salcido. Oct 84:32-33

Biology

(Environmental and Natural Sciences)

Acid Rain. Muhammad Hanif. Nov/Dec 84:19-22
 Acid Rain (Balloon Talk). Forrest Plesko. Nov/Dec 84:44-45
 Autumn Crafts. Chris Brothers. Oct 84:22-24
 Autumn Leaf Chromatography. Lawrence C. Scharmann. Sept 84:11-13; cf. *An Actone Warning* (Letters). Jan 85:5
 Brew Fox in the Bramble Patch (Helpful Hints). Rose Simonis-Rollins. Jan 85:22
 Bright Bird of Winter. Marcia Bowden. Feb 85:20-21
 But My Parents Both Have Brown Eyes. James K. Goodspeed. Jan 85:9-12
 A Camp-out—Conference Style (Early Adolescence). Betty Sue Tubertini. Oct 84:41-43
 Challenge Me! Gail C. Foster. Nov/Dec 84:17-18
 Dirt Clump and All Around Us. Donald J. Nelson. Mar 85:10-12
 Dye in the Wool. Lori Jean Kinsey. Sept 84:17-19
 The Fall Collection. Barry A. VanDeman. Sept 84:20-21
 Feeling the Pressure. David W. VanCleaf and Patti A. Hamilton. Jan 85:115
 Fish Lab (In the Schools). A. Joseph Alt. Feb 85:32-33
 The Flowers That Bloom in the Spring. Amy Ballin. May 85:12-15
 Garter Snakes (The Classroom Animal). David C. Kramer. Oct 84:34-35
 Go to the Ant. O. Sluggard. Fred Dodson. Oct 84:21
 The Great Pumpkin Curriculum. Charles R. Ault, Jr. Oct 84:13-16
 Green Anole (American Chameleon) (The Classroom Animal). David C. Kramer. Mar 85:22,27
 Honey Ants. John R. Conway. Oct 84:17-21
 How Big Will It Grow? (The Classroom Animal). David C. Kramer. Sept 84:14-16
 The Incredible Journey of Harriet Hamburger or At Play in the Digestive Tract. Kay Von Deylen. Jan 85:16-20
 Inferring About Dinosaurs. Cynthia Szymanski Sunal. Nov/Dec 84:12-15
 The Inside Story (Early Childhood). Karen K. Lind. Jan 85:122-23
 John James Audubon. Fred Dodson. Mar 85:9
 Leopard Frogs (The Classroom Animal). David C. Kramer. Apr 85:35-36
 Mealworms (The Classroom Animal). David C. Kramer. Jan 85:25-26; cf. *Note Mar 85:27*
 Nonsense Botany Revisited. Anne Gosch and Thomas E. Thompson. Sept 84:22-23
 Okefenokee Notes. Patricia E. Burton. May 85:5-9
 Ordinary. Beverly McLoughland. Feb 85:18
 Patience, My Child! Patience! (Early Adolescence). Michael Leyden. Nov/Dec 84:36-38
 Phantastic Physarum. Kenneth W. Carlson. Apr 85:33-34
 Playing the Thinking Game. Arlene Marturano. Nov/Dec 84:23-24
 Preserving in Plastic. James Wahla. Jan 85:13-15
 Scallops, Whelks, and Process Skills. Catherine C. Cleare. Apr 85:10-15
 Tiger Salamanders (The Classroom Animal). David C. Kramer. Feb 85:22,27
 Toads (The Classroom Animal). David C. Kramer. Nov/Dec 84:25-26
 Toward a National Bird Day. Norma Stigall. Apr 85:7-9
 Up From the Triassic. Michael Weber and Linda Maraniss. Feb 85:7-12
 The Voice of the Turtle Dove. Amelia S. Terkel. Apr 85:4-6
 Whale Watching in the Gulf of Maine. Clayton A. Carkin. Mar 85:6-9
 We Are Branching Out. Wendy R. MacPhail. Sept 84:24-25
 Which Came First? Richard S. Treptow. Nov/Dec 84:15-16
 A Winter Sprout Garden. Hy Kim. Jan 85:21-22
 With a Little Bit of Love (In the Schools). Hawthorne Faison and Albert G. Roberts. Sept 84:37-38
 The Yellowstone Project. John C. Graves. Nov/Dec 84:9-11

Early Childhood

A Bird's-eye View: Mapping Readiness (Early Childhood).

Karen K. Lind. Nov/Dec 84:39-40
Bright Bird of Winter. Marcia Bowden. Feb 85:20-21
Conversations in Kindergarten. Linda Gibson Geller. Apr 85:30-32
Funnels and Tumblers (Early Childhood). Mary Anne Fowlkes. Mar 85:28-29
Here's the "Crier Lady"! (Early Childhood). Carolyn Schultz. May 85:49-51
The Inside Story (Early Childhood). Karen K. Lind. Jan 85:22-23
Preschoolers Meet a High Tech Turtle (Early Childhood). Sharon Campbell. Apr 85:37-40
Science with a Sketchpad (Helpful Hints). Ann Babcock. Apr 85:32
The Sense-able Approach to Science (Early Childhood). Karen K. Lind. Oct 84:36-38

Earth and Space Science

As Smart as a Fencepost. Paul H. Joslin. Feb 85:13-15
Blueberry Trilobites and Peach Strata. Betty Crocker and Edward L. Shaw, Jr. May 85:10-11
Celestial Meetings—Synodic Periods (Early Adolescence). Michael Leyden. Apr 85:41-42
Evening Skies. D. David Batch. (monthly)
Following the Sun in Jerusalem. Varda Bar. Feb 85:16-18
SEEDS in Space. Karen Vander Linde. Sept 84:26
Sky Calendar. Robert C. Victor, Jenny L. Pon, and Robert D. Miller. (monthly)
Solar Energy (Balloon Talk). Forrest Plesko. Oct 84:31
When Is the World Like a Pumpkin? Verne N. Rockcastle. Oct 84:8-11

Energy

Here Comes the Sun. David E. LaHart. Sept 84:33-35
Solar Energy (Balloon Talk). Forrest Plesko. Oct 84:31
Watch Your Watts. Bill O'Connor. Sept 84:35-36; cf. Watts Wrong? (Letters). Jan 85:5

NSTA and CESI Activities

Association Affairs (monthly)
Cincinnati Convention Forms. Nov/Dec 84:50-51; Jan 85:134-35; Feb 85:38-39; Mar 85:38-39
Cincinnati Convention Information. Feb 85:36-37
Cincinnati Convention News. Jan 85:132-33; Mar 85:36-37
Cincinnati Convention Short Courses. Nov/Dec 84:48-49; Jan 85:136-37; Feb 85:40-41; Mar 85:40-41
Falling in with NSTA. Sept 84:66-67
NSTA Awards Program. Sept 84:46,63; May 85:58-59
1985 NSTA Award Winners. May 85:56-57
NSTA Calendar (monthly)
NSTA Membership and Publications. May 85:25-41
1985 NSTA Summer Teachers Honors Workshops. Jan 85:130-31
The Winners: 1984 National "Pets Are Love" Photo Contest. Apr 85:18-19

Physics and Chemistry

Acid Rain. Muhammad Hanif. Nov/Dec 84:19-22
All Lit Up (Helpful Hints). Joe Strever. Mar 85:12
Autumn Leaf Chromatography. Lawrence C. Scharmann. Sept 84:11-13; cf. *An Acetone Warning* (Letters). Jan 85:5
Balloons and Blow Bottles. David A. Harbster. Nov/Dec 84:6-8
Chasing Rainbows. Carl J. Engels. Mar 85:13-14
Cool Vibrations (Early Adolescence). Michael Leyden. Feb 85:30-31
The Great String Drop (Early Adolescence). Michael Leyden. Jan 85:116-18
Morse's Miracle Revisited. Guy V. Bruce. May 85:18-20
When Water Cools Down. Bill E. McBryde and Fred W. Brown. Jan 85:23-24

Programs and Curriculum Designs

A Balloon Is for Fun: Science Activities for Children (Learning Aids of Note). Jan 85:126
Featherby's Fables (Learning Aids of Note). Alfred H. Krockover. May 85:44
Kits for Everyone (Learning Aids of Note). Jan 85:126
Rocky's Boots (Software Reviews). Juliana Textley. Sept 84:43-44
The Science Cookbook: Experiment-Recipes That Teach Science and Nutrition (Learning Aids of Note). Sept 84:43
Smithsonian Family Learning Project 1985 Science Calendar (Learning Aids of Note). Sept 84:43
Space Shuttle: A Journey into Space (Software Reviews). Juliana Textley. Sept 84:44
Understanding the Healthy Baby (Learning Aids of Note). Jan 85:126

Science Education (Methods, Background, and Discussion)

Activity-Based Elementary Science: A Double Bonus (What Research Says). Kathleen M. Donnellan and Gary J. Roberts. Jan 85:119-21
Consider Your Camera. Linda A. Warner. Apr 85:20-22
Conversations in Kindergarten. Linda Gibson Geller. Apr 85:30-32
An Elementary Science Lab in Action (In the Schools). Susan Hagle. Oct 84:44-45
Elementary Teachers' Perspectives on Improving Science Education (What Research Says). Peggy Teters, Dorothy Gabel, and Patrick Geary. Nov/Dec 84:41-43
Foal For Thought. Ruth Knight. Sept 84:31-32
Going Back to the Same Old Rind. Susan Isenberg. Apr 85:16-17
How Are Our Fifth Graders Doing? (What Research Says). Willard J. Jacobson and Rodney L. Doran. Sept 84:41-42
Inferring About Dinosaurs. Cynthia Szymanski Sunal. Nov/Dec 84:12-15
Is That All There Is? Walt Jackson and Barbara Janes. Oct 84:25-26
Learning About Change with a Science Tote Board. Catherine R. Conwell and Josephine D. Duckett. Mar 85:30-31
Method Study: Seven Years Later. Willard F. Reese. Sept 84:40
Playing the Thinking Game. Arlene Marturano. Nov/Dec 84:23-24
A Profile of Excellence: Teachers of Exemplary Programs in Elementary Science (What Research Says). Ronald J. Bonnstedter and Robert E. Yager. May 85:45-46
Scallops, Whirls, and Process Skills. Catherine C. Cleare. Apr 85:10-15
Six Strategies for Improving Attitudes Toward Science (What Research Says). Thomas R. Koballa, Jr., and Dale R. Rice. Mar 85:32-34
Stimulating with Simulations. Bob Pesicka and Bonnie Lane. Feb 85:28-29
Superteachers (In the Schools). Constance Dullock. May 85:47-48
Taming Up. Robert M. Jones. May 85:21-23
What's Happening in Elementary Science: A National Assessment (What Research Says). Steven J. Rakow. Oct 84:39-40
Whoever Invented the Science Fair... Linda H. Sittig. Feb 85:19

Advertisers

Cover IV
 Ohaus Scale

59
 Perihelion



NSTA Calendar

October 24-26, 1985—NSTA Area Convention, Wichita, Kansas

November 14, 1985—Deadline for the NSTA Awards Programs (write NSTA for forms):

- The Robert H. Carleton Award for National Leadership in the Field of Science
- The NSTA Citations for Distinguished Service to Science Education
- The Gustav Ohaus Program for Innovations in Elementary Science Teaching
- The Gustav Ohaus Program for Innovations in Secondary Science Teaching
- The Gustav Ohaus Program for Innovations in College Science Teaching
- The Science Screen Report Award
- The Science Teaching Achievement Recognition (STAR) Awards, sponsored by the American Gas Association
- The Exemplary Middle/Junior High Science Teaching Award, sponsored by the CIBA-GEIGY Corporation
- The Exemplary Secondary Science Teaching Award, sponsored by the CIBA-GEIGY Corporation
- The Sheldon Awards for Exemplary Science Equipment and Facilities, sponsored by the Sheldon Manufacturing Company
- The Cambridge Development Laboratory Awards for The Art of Teaching with Computers

December 1, 1985—Deadline for the History of Science Education Essay Award, sponsored by Holt, Rinehart and Winston

November 14-16, 1985—NSTA Area Convention, Hartford, Connecticut

November 20-22, 1985—Joint convention, sponsored by the School Science and Mathematics Association, the Kentucky Association for Progress in Science, the Kentucky Council of Teachers of Mathematics, and the Kentucky Academy of Science, Lexington, Kentucky

December 13-15, 1985—NSTA Area Convention, New Orleans, Louisiana

Have a great
 summer!
 We'll see you
 in the fall.

